

**OPINION 2155 (Case 3235)*****Sclerocrinus* Jaekel, 1891 (Crinoidea, Cyrtocrinida): not conserved; priority maintained for *Gammarocrinites* Quenstedt, 1857**

**Abstract.** The Commission has ruled that priority should be maintained for the generic name *Gammarocrinites* Quenstedt, 1857 for a group of fossil (Upper Jurassic (Oxfordian)-Lower Cretaceous (Valanginian)) crinoids. The name *Sclerocrinus* Jaekel, 1891 is not given precedence over the senior name whenever the two are considered to be synonyms. The two names have been used indiscriminately for the same taxon.

**Keywords.** Nomenclature; taxonomy; SCLEROCRINIDAE; *Gammarocrinites*; *Sclerocrinus*; *Gammarocrinites compressus*; *Sclerocrinus strambergensis*; fossil crinoids; Upper Jurassic-Lower Cretaceous; Europe.

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**Ruling**

- (1) It is hereby ruled that the name *Gammarocrinites* Quenstedt, 1857 retains priority over the name *Sclerocrinus* Jaekel, 1891 whenever the two are considered to be synonyms.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
  - (a) *Gammarocrinites* Quenstedt, 1857 (gender: masculine), type species by subsequent designation by Rasmussen (1978) *Eugeniocrinites compressus* Goldfuss, 1829;
  - (b) *Sclerocrinus* Jaekel, 1891 (gender: masculine), type species by subsequent designation by Rasmussen (1961) *S. strambergensis*, Jaekel, 1891.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *compressus* Goldfuss, 1829, as published in the binomen *Eugeniocrinites compressus* (specific name of the type species of *Gammarocrinites* Quenstedt, 1857);
  - (b) *strambergensis* Jaekel, 1891, as published in the binomen *Sclerocrinus strambergensis* (specific name of the type species of *Sclerocrinus* Jaekel, 1891).

**History of Case 3291**

An application to conserve the generic name *Sclerocrinus* Jaekel, 1891 for a group of fossil (Upper Jurassic (Oxfordian)-Lower Cretaceous (Valanginian)) crinoids by giving it precedence over the name *Gammarocrinites* Quenstedt, 1857 whenever the two are considered to be synonyms was received from H. Hess (*Naturhistorisches Museum Basel, Basel, Switzerland*) on 28 February 2002. After correspondence the case was published in BZN 61: 251–253 (December 2004). The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

### Decision of the Commission

On 1 December 2005 the members of the Commission were invited to vote on the proposals published in BZN 61: 252. At the close of the voting period on 1 March 2006 the votes were as follows:

Affirmative votes: – 9: Bock, Fortey, Halliday, Lamas, Macpherson, Mahner, Mawatari, Nielsen and Papp.

Negative votes: – 10: Alonso-Zarazaga, Bouchet, Brothers, Calder, Kerzhner, Minelli, Patterson, Rosenberg, Štys and van Tol.

No votes were received from Ng and Song.

Voting against, Alonso-Zarazaga, Bouchet, Brothers and Štys said that they did not consider that the case for reversed precedence had been made.

### Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

*compressus*, *Eugeniocrinites*, Goldfuss, 1829, *Petrefacta Germaniae*, Bd. 1, Lief. 2, p. 164.

*Gammarocrinites* Quenstedt, 1857, *Der Jura*, Lief. 4, p. 654.

*Sclerocrinus* Jaekel, 1891, *Zeitschrift der Deutschen geologischen Gesellschaft*, 43: 621.

*strambergensis*, *Sclerocrinus*, Jaekel, 1891, *Zeitschrift der Deutschen geologischen Gesellschaft*, 43: 623.

The following is the reference for the designation of *Eugeniocrinites compressus* Goldfuss, 1829 as the type species of *Gammarocrinites* Quenstedt, 1857:

Rasmussen, H.W. 1978. *Treatise on Invertebrate Paleontology*, Part T, Echinodermata 2, vol. 3, p. T831.

The following is the reference for the designation of *Sclerocrinus strambergensis* Jaekel, 1891 as the type species of *Sclerocrinus* Jaekel, 1891:

Rasmussen, H.W. 1961. *Biologiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab*, 12: 217.